X3D Application

Portable / Native   Web based

X3D/VRML Scenes/Worlds

Web3D Browser

Portable   Native   Web based

Browser Plugin

Runtime Environment (e.g. JRE, Node.js)

VM (JS, WASM)

Web APIs (WebGL, DOM, ...)

W3C Browser (HTML, CSS)

Operating System and DirectX, OpenGL, ...

Machine

Red	Application Software
Green	Software that provides standardized or well-known APIs
Blue	APIs